Sprint Planning:

**Initial User Story:**

Learn and get familiar to the technologies that will be used during the project.

* Read up on Technologies
* Interact with Technologies
* Present Positives and Negatives
* Recommend Implementation and Version

**User Story 1:**

[As the System Administrator I want to be able to receive and import Datasets](http://jira:8080/browse/GROUPFIVE-10)

* Design a data model
* Create the data model in MySQL
* Write code to read in an excel sheet
* Format the cells to be acceptable to database restrictions
* Create and JPA class controlling persistence and consistency of database
* Develop statements to populate database
* Code these statements to execute using java
* Create interface for user to interact with
* Link this interface to code via Servlet
* Integrate front and back end

**User Story 2:**

[As the System Administrator I want to have incoming records checked for consistency (i.e. valid date/time values, valid MNC/MCC combinations, valid Event IDs, Cause Codes etc.) and have erroneous records highlighted and excluded](http://jira:8080/browse/GROUPFIVE-13)

* Design of acceptance criteria for valid cells
* Design of implementation of decisions in the existing code
* Creation of methods to validate code
* Substitution of invalid data to maintain validity of database and reference tables
* Treatment of rejected cells
* Creation of interface for returning results of invalid data rejection
* Linking of front end to excel sheet to be displayed

**User Story 4:**

[As Customer Service Rep. I want to display, for a given affected IMSI, the Event ID and Cause Code for any / all failures affecting that IMSI](http://jira:8080/browse/GROUPFIVE-21)

* Create front end for taking in query
* Write query
* Develop code to execute query from java
* Create interface to display results
* Code a Servlet to link the interfaces and code.